

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: Brien Pepperdine <pepperb@gov.on.ca>  
Subject: 30L1 mod req'd for driving by transistor finals  
Message-ID: <Pine.OSF.3.90.951003191832.819A-100000@govonca2>

Does anyone out there know how or have a diagram of how to do a mod to a Collins 30L1 amp such that it can be driven by a transistorized rig? If so, I'd deeply appreciate it.

Due to lack of desire etc. to really run high power I would like to sell the linear - problem is the only guy seriously interested in it wants to drive it with a 450SAT.

I was told some time back the 30L1 could be modified easily for about 5 dollars using a couple diodes and a transistor. I assume we are rectifying some signal here and using the transistor such that the positive ALC or something like that becomes negative for the Collins' requirements (big, wild guess here).

Anyhow, I'd like to sell the amps and be able to do so by giving the fellow an idea of a workable circuit he can use, and thus feel confident in buying the amp.

Thanks

Brien  
Toronto

pepperb@gov.on.ca

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: JOHN BERENYI <JBERENYI@cc.weber.edu>  
Subject: 6 Khz filters for Collins R 390's ?  
Message-ID: <01HW1DMHUI9Q8ZDW00@cc.weber.edu>

Is it possible to install 6 Khz filters into either the 390 or 390A? I'm not talking about KIWA type aftermarket filters but actual Collins made parts.

John L. Berenyi

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: Paul.Thekan@pgtp.varian.com (Paul Thekan)  
Subject: Ampex Swap & Auction  
Message-ID: <9510050503.AA16862@pgtp.varian.com>

This Saturday ,Oct 7th , will be held the Palo Alto Amateur Radio

Clubs Auction and Flea market located at the Ampex Cafeteria in Redwood City. The doors open at 7:30 AM and not before. The Auction starts at 9:30.

To get there , take the Woodside Rd turn off from 101 heading West to Bay Rd, this is the second light on Woodside. Turn left ,south , and head down a few blocks until you spot the Ampex parking lot on your left , there should be plenty of cars parked there so it will not be hard to spot. Also it is next to Bldg 1 at Ampex.

This may be the last swap at Ampex. So try to make it

CU There  
Paul N6FEG

Paul Thekan - Speaking for Himself  
Paul.Thekan@pgtp.varian.com

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: TOM.A.ADAMS@mail.admin.wisc.edu  
Subject: An angry message  
Message-ID: <FA4K1846.FA4K1857@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Greetings, Troops.

I'm pissed off. This message is gonna be a long one. I'm sorry gang, but I've gotta get this one out of my system.

For several weeks now there have been numerous postings about the W9MNZ estate fiasco here in Wisconsin. Well, we're finally at the last chapter.

I never worked Vern Martin, tho for the past 12 years I've lived within a few miles of his antenna site. I don't belong to the local radio clubs, so I never met him at meetings. Likewise, I can't remember ever having met him at the local hamfests. Despite all that, I feel that I know this man very well. In many ways he's my brother.

To fill in newcomers to the list, here's a short recap of the story.

Vern, W9MNZ, is today a victim of Alzheimers, and in a professional care facility. His family (wife and children) sold his home to real estate developers, who intend to bulldoze it to build a condo on the lakefront lot. We've got FAR TOO MANY of those scummy developers in this town.

Vern's relatives have no interest in radio, and they set about to dispose of his VERY extensive collection.

Thier first contact was one of the local ham clubs. It appears that a few of the troops came out and scooped up all of the modern gear, the key collection, and whatever else they wanted, and left the family holding the bag on 95% of the gear. Wanna bet that most of what they got will show up at the next Madison Hamfest?

Next they contacted one of Vern's "friends" to try to sell what's left. I won't go into detail as to what transpired there; I've no desire to fight a slander or defamation of character lawsuit. Suffice it to say that the whole job was VERY poorly done.

Large quantities of hard to find BA rigs went into a dumpster; in fact, the dumpster was so full that it was impossible to recover 90% of it's contents. What little that WAS salvagable was astonishing.

In the end, Vern's family gave up on trying to sell his gear, there was just too much of it. They had to just walk away, and what's left will go to the land fill; the bulldozers roll this week.

Clearly, Vern was a Ham's Ham. Because of the greed, stupidity, and shoddy ethics of his fellow amateurs, much of the gear that he loved is gone forever.

Terry, WB9GVB managed to get access to the place before the wrecking began. He and I spent a lot of the past weekend in the old house. It was depressing.

I could make out THREE individual hamshacks in the house, two of which were Teletype positions. Just seeing the place in this condition was enough to make you cry.

Folks who went thru before us ransacked the place thoroughly; the RTTY shack on the sun porch was six inches deep in scattered books and papers.

Not everything was ransacked tho; there was just too much of it, and even a vandal eventually gets too tired to continue his destruction.

Tucked away in an overlooked desk drawer I found a gem; a WW2 vintage aircraft magnetic compass (an old Army Air Corps B-16 "whiskey glass"). Thrilled at the find, I suddenly noticed two more aircraft instruments where they'd been tossed on the floor; a manifold pressure gauge, and a fuel pressure gauge. They'd obviously been paperweights, but scattered among the floor litter was a lot of aviation related literature.

Vern loved flying. I quickly wondered where at home MY old logbook and Jeppson computer were tucked away? I picked up the other two instruments and put

'em in an empty cardboard carton; they'd go well with the altimeter and radio compass indicator I keep on MY desk as paperweights.

Bookshelves were stuffed with an amazing assortment of stuff that hadn't been swept to the floor yet. Looking over the titles I noted, in addition to the electronics and aviation related stuff, a lot of books on anatomy, physiology, pharmacology... the type of stuff you'd be assigned to study in nursing school. I shuddered: right after college I'd been a nursing aide and a psychiatric orderly, and had actually applied for nursing school. Vern and I were so much alike it was getting scary.

Turning back to the desk drawer, another find was all I could take; a VERY old box of .22 Short ammunition, and some sales literature for Smith & Wesson revolvers.

Guess who's a beginning Smith & Wesson collector, and firearms enthusiast? The first two guesses don't count.

The coincidences were getting spooky, and, like Ebenezer Scrooge's visions, the obvious question formed in my mind; is a mess like this in the future for Amateur Station K9TA?

The attic was unbelievable. In the crawl space I found an APS-13 "Tail End Charlie" RADAR set (about 440 MHz, a small unit used in WW2 fighters). A box of ceramic Johnson plug-in coil forms came next. A small, sealed cardboard carton was dragged out into the daylight and opened.

A new 3 - 6 MHz Command receiver saw daylight for the first time since the carton was sealed at the Western Electric plant in Chicago back in 1942. Wow.

Later, Terry called out "Got another receiver!", and a new Setchell Carlson BC-1206 (???) long wave range receiver, with manual, popped out of the crawl-space.

The crawlspace made me feel like both an archiologist, and a snoop who read somebody else's diary.

Vern was a packrat. A great deal of his life can be read in the contents of the attic.

A box came out, carefully packed with crushed newspaper. From it came a pair of Western Electric 211-E triodes. These are unlike ANY 211 I've ever seen, they have phenolic bases (as opposed to the common metal/ceramic ones), and exhaust nipples on top. They're OLD!!!

The newspapers crumbled at the touch of a hand, but another item in the box

put the tubes into thier time frame, a box of razor blades. The box ("RADIO BLADES") has a sticker on it, the blue eagle of FDR's National Recovery Act (aprox. 1932 or 33). The package turned out to not contain razor blades tho; it was instead filled with bits of galena for crystal detectors.

The 211's have blisters in the bases, caused by RF leakage; these guys were on the air. A great many boxes of BC set servicing parts were in the same area of the attic.

A box further along contained mimeo sheets; "WELCOME TO TRUAX ARMY AIR CORPS FIELD. ORIENTATION MATERIALS FOR TRAINEES IN AAF RADIO MECHANIC'S TRAINING COURSE". Another shudder of Deja vu; I was in the Air Force. Many mimeographed lesson plans from the course.

Another box. Copies of American Legion Magazine scream at me. WHAT DOES THE RUSSIAN A-BOMB TEST MEAN TO YOU? the top issue demands to know. COMMUNISTS IN THE STATE DEPARTMENT! declares another. It seems that 1950 was a crisis laden year in America.

More boxes. Vern took a number of courses in electronics, and it appears he even TAUGHT a few.

In numerous places bookshelves were stacked with electronics magazines. Most has a forest of markers poking out of the tops, and almost all had notes hand written on thier spines. There were THOUSANDS in the collection; far too many for us to save.

I saved every QST I could find, and Terry saved a lot of CQs. The rest we had to let go. Between the two of us, we probably kept a quarter ton of 'em out of the landfill, but we barely scratched the surface.

Both Terry and I were feeling depressed by the situation, and we just had to get out of that house. It was too sad to deal with anymore.

Vern's ham career went from the days of one tube regeneratives as state of the art, all the way to integrated circuits. Judging from the abundant homebrew gear, he was at home with all of it.

This man's life was electronics, especially ham radio. Now that he can't have it anymore, it's going to the dump. His gear, books, and papers COULD have gone to others who could appreciate and utilize his work. Who's to blame?

Was it his family? I don't think so. They were in a difficult situation, and dealt with it the best way they knew how. They called the local ham club, and one of Vern's ham buddies.

I place a LOT of the blame those fellow hams. Rather than help the family inventory the stuff and set up a sale / auction, some saw this as an opportunity to rip them off to get fodder for the next hamfest. They left the place in a horrible mess that made any kind of organized effort impossible, and the family knows it. We hams did ourselves and our image no good at all in this.

Was Vern himself to blame? Yes, I'm afraid he bears some responsibility in this too.

We're all afraid to face our own mortality, and we tend to shy away from making arrangements for that eventuality. He made it necessary for his family to make some bad decisions by not leaving explicit instructions.

I was exhausted and discouraged when I got home, but I immediately sat down with Anne. I took out a scratchpad and began; "Look, I've got a lot of stuff here. I'm not planning on anything happening in the near future, but if anything DOES happen to me, here's a list of people for you to contact for help in disposing of my radio junk. Also, I'll be working on a list of approximate values of the major pieces of gear...".

73's,

Tom, K9TA

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: Steven Wilson <randyw@crl.com>  
Subject: Re: An angry message  
Message-ID: <Pine.SUN.3.91.951004184339.25880B-100000@crl12.crl.com>

Tom I have been thinking of going through and using a video tape recorder to say what the items are and about what they are worth and condx. I think many of us should do that chore. While I do have a son who is now a ham, he is inot into the BA's or even what my parts cabinet is worth. so you hv a good point we all should think about. de stan ak0b

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: Sandra L Knepper <slkst29+@pitt.edu>  
Subject: Re: An angry message  
Message-ID: <Pine.3.89.9510042328.A11113-0100000@unixs3.cis.pitt.edu>

I thank Steve for suggesting what I did many years ago. A video tape is invaluable especially to verify/document any loss from a fire or burglary.

Dave, W3BJZ

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: KE8NEfix@aol.com  
Subject: Re: An angry message  
Message-ID: <951004231504\_116520623@emout04.mail.aol.com>

Hi fellow BA'ers

I lead with Tom's quote to preface my very short post:

> We're all afraid to face our own mortality, and we tend to shy away from  
>making arrangements for that eventuality. He made it necessary for his  
family  
>to make some bad decisions by not leaving explicit instructions.

Most of have equipment that may be very old or very new, or both. Some of it may be worth Thousands or more. None of us know whether we will be around tomorrow. If you value your equipment and you want your family to have benefit of your collection, no matter how large or small, It would be wise to arrange someone that you trust to handle the disposition of your equipment.

Let your family in the deal. Nobody lives forever, and estates can be messy and costly. Save your wife and kids a bunch of grief as well as money, by taking care of these things yourself. Nuff said.

73

KIM

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: FRANCIS4@AppleLink.Apple.COM (Francis, Dexter)  
Subject: Ancient Hebrew BA's  
Message-ID: <812782175.5633451@AppleLink.Apple.COM>

Mssr. Knudsen hath misspoken...

Bellach says "It's a radio TRANSMITTER for speaking with God."

Obviously the REAL problem was that some doof broke up the set by selling off the matching receiver. No wonder God acted so upset about it when the Germans tried to use it. Totally messed up the QSO and kept the High Priest from getting a good signal report. ;-)

(No flames, please!)

-df

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: Michael.J.Knudsen@att.com  
Subject: Re: Ancient Hebrew BA's  
Message-ID: <9510041631.AA09960@bock.ih.att.com>

Worse yet, the matching antenna tuner was missing.  
How else to explain the terrible flashovers and power blowbacks  
the wiped out the Nazis.

"That plate choke's gonna arc over any moment -- DON'T LOOK AT IT!"

Wonder how many Canaanite slaves it took to hand-crank the matching PS?

Also note that nobody read the manual first....73, mike k w9nrd

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: w7ni@teleport.com (Stan Griffiths)  
Subject: Another Estate Find  
Message-ID: <199510040639.XAA24950@desiree.teleport.com>

I have six "electron tubes" at least that is what it says on the boxes.  
What I have are 2 1/2 inch long, 3/8 inch diameter metallic cylinders with  
some clear epoxy in one end and some insulation material comprising part of  
the cylinder toward the other end, and finally more metal at the very end.

The box says it contains "One Electron Tube, USN-CBON, 6107/BS212, Anton  
Electronic Labs., Brooklyn, N.Y." Each box is hand marked with what appears  
to be a unique serial number. Two of the numbers are "U5720" and "U4269".

I have never seen anything like these before and I have no idea what they  
are. The clear epoxy in the end makes me think they may some sort of light  
sensing devices. It looks like there are only three places to make  
electrical connection to them so if they have filaments like other  
"electronic tubes", they can only be diodes, I think.

Since I don't know what they are, I obviously don't need them. Can anybody  
tell me what they are and does anyone out there need them? They appear  
unused. Make me an offer. This offer expires October 10 at which time I  
will announce the highest bidder.

Stan W7NI@teleport.com



From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: RANDY@sbii.sb2.pdx.edu  
Subject: Re: Another Estate Find  
Message-ID: <30FB7777B7A@sbii.sb2.pdx.edu>

Stan,

The tubes you have found are indeed quite rare. They were made specifically as detectors for linear accelerators during the hunt for the elusive bozon and are otherwise known as bozotrons. The original government cost was about \$13,000.00 each but the surplus market is somewhat limited. You should be careful with them. The composite material contains symbitium, and there is a recent article describing quite a high LD-50 for nematodes exposed to symbitium.

Cheers,

=Randy=  
WB6MAI

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: "Gable, Edward M" <emg@rfpo2.rfc.comm.harris.com>  
Subject: Re: Another Estate Find  
Message-ID: <3072B5AD@smtpgate.rfc.comm.harris.com>

<snip>  
otherwise known as bozotrons.  
WB6MAI  
<snip>  
Only a 6-lander would know about bozo(tron)s

...It's a joke....don't flame me  
Ed @ Rochester

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: paul Veltman <veltman@netcom.com>  
Subject: Re: BA Prices(Oh,No..not AGAIN!!)(;>  
Message-ID: <Pine.3.89.9510031730.A15343-0100000@netcom14>

Mike and everyone,

Sorry it has taken me so long to reply to this post.

> A human being cannot build at home the current electronics  
> technology -- surface-mount ICs with pins a hair apart, etc.

This is true, and for only a kilobuck or so, you can buy one of these SMT beauties that'll fit in your pocket. But what if you could buy the IC version of a HW 101 for \$300 with circuit boards and IC sockets so you don't fry the CMOS. Sure it's 70s technology, but infinitely more affordable by kids.

BTW, around here, they have ADULTS doing paper routes now. I haven't seen a real kid do a route in several years.

>  
> Do any of the electornics magazines still include, with their construction articles,  
> a deal where you can buy the blank PC board, with or without all the parts?  
> Popular Electronics, peace be upon it, used to.

If you look in QST, you'll see circuit boards for sale for their articles, and also in Electronics Now, formerly Electronics Illustrated, formerly Radio and Television News, formerly Radio News (did I forget a title or two??).

73

Paul WA6OKQ

Stopped looking for a good technical ham magazine. Now, only looking for an marginally acceptable technical ham magazine.

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: jproc@worldlinx.com  
Subject: BA Sighting  
Message-ID: <Chameleon.4.01.2.951004183414.jproc@>

Dear BA's,

While searching for some parts in one of by BA stores, I spotted the following:

Hammarlund Super Pro 600 VLF receive in fairly good condition. Asking \$Cdn 195

HRO Receiver with 14 Mhz plug in; was modified by previous owner to operate with modern tubes. Asking \$Cdn 75

If interested, contact:

Globe Electronics  
3583 Keele St.  
Downsview Ontario (Toronto)

(416) 631-7770

Regards,

-----  
Jerry Proc VE3FAB  
E-mail: jproc@worldlinx.com  
Radio Restoration Volunteer  
HMCS Haida, Toronto Ontario  
-----

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: Jodaanve@aol.com  
Subject: BC-923/A info, R-11A to trade  
Message-ID: <951004104717\_115950942@mail02.mail.aol.com>

Hi gang,  
I ran across a gentleman locally who is looking for information, schematic, tech manual, etc. that will help him restore a BC-923-A. He also has a R-11A aircraft receiver that is available, missing the tuning unit, for trade. He doesn't have internet access, so please send your responses via e-mail to: Jodaanve@AOL.com, include your land line # if possible, so that he can contact you directly.  
Figure that someone here should have the information he needs or knowledge to help him out.

Thanks,

Dave WB9EGZ

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: pmills@cyberhouse.com (Phil Mills)  
Subject: Re: Book: "In Marconi's Footsteps"  
Message-ID: <199510032332.SAA05348@ns.cyberhouse.com>

I got the same response....the lady on the phone knew exactly what I wanted and said that they had been selling rather well....I warned her

to expect another flurry of orders.

thanks,  
Phil

>>>Seven Hills Books in Cincinnati does have the book available for mail-order.  
>>>Their phone number is (513) 381-3881. The price is \$39.95 plus \$3.95 shipping.  
>>>VISA or MC accepted. Mine's on the way!  
>  
>>I'd  
>>order mine right away. I wouldn't think this is the type of book that would  
>>go into multiple printings.  
>  
> Bill is probably correct, and when I called them today the  
>nice lady at the other end said that the past few days she had  
>gotten a \*LOT\* of orders for this particular book. Better call  
>soon!  
>  
>73,  
>  
>Paul, K4MSG  
>  
>  
Phil Mills, AB5TH  
pmills@cyberhouse.com  
713-482-2763

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: pbock@melpar.esys.com (Paul H. Bock)  
Subject: Re: Bozotrons?  
Message-ID: <9510041702.AA05214@syseng1.se.melpar.esys.com>

<snip>  
otherwise known as bozotrons.  
WB6MAI  
<snip>  
Only a 6-lander would know about bozo(tron)s

Gee, I thought everyone knew about bozotrons.....it's the accumulation of free bozotrons in the upper atmosphere which forms the bozone layer documented by the eminent scientist Dr. Gary Larson, who also discovered the Farside layer. It is the bozone layer which protects Earth from invasion by any extra-terrestrial intelligent life.....

73 DE K4MSG

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: FRANCIS4@AppleLink.Apple.COM (Francis, Dexter)  
Subject: Collins/CE Knobs available  
Message-ID: <812866055.4292672@AppleLink.Apple.COM>

Greetings all -

I have the following Collins/Central Electronics style knobs available:

1 Grey, 1 1/2" Dia. head, 8 flutes, no skirt w/"GONSET" in the middle.

1 Black, 1 3/8" Dia. head, 8 flutes, no skirt.

4 Black, 1 1/8" Dia. head, 8 flutes, no skirt.

1 Black, 1 1/8" Dia. head, 8 flutes, 1 1/2" Dia. skirt w/line pointer.

1 Creme, 1 1/8" Dia. head, 8 flutes, 1 1/2" Dia. skirt w/line pointer.

1 Black, 1 1/8" Dia. head, 8 flutes, 1 1/2" Dia. skirt w/line pointer.  
(This knob is set up for a smaller, 7/8" dia. concentric knob.)

also:

7 Black, Selector knobs off a Hickock 6xx Tube tester. (5 w/pointers)

Let's haggle, I'm open to all reasonable offers.  
(Maybe even unreasonable ones! ;-] )

-df (N0YLLJ)

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: don merz <71333.144@compuserve.com>  
Subject: Contents of my next ad in ER...  
Message-ID: <951004151351\_71333.144\_DHQ44-6@CompuServe.COM>

For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.  
412-234-8819 (weekdays, EST or leave a message anytime).  
71333.144@compuserve.com

Collins-made ARC-2 transciever, HF, first US military rig to combine transmit and receive tuning in one control. Collins mechanical autotune for 10 presets. Very nice condition with dynamotor. Untested: \$149

Collins R-105.ARR-15 HF receiver. Autotune with 10 presets. Fits standard ATR size aircraft rack. Untested. \$129

Military BC-1000 WWII backpack transciever, 30-48mhz FM. Uses 1V and 3V tubes. With most accessories: PP-114/VRC vehicular power supply, all straps, pads and belts necessary for carrying, both long and short whip antennas, several accessory canvas carry bags, original manual and lots of little stuff I am forgetting. \$179

Central Electronics 200V Broadband SSB/CW transmitter for the HF bands. Beautiful original condition. But tuning does not work right. Untested but it looks electrically excellent. No tune-up operation with built-in modulation scope. With W7FG manual copy, factory instructions for adding 160 meters. This radio has been in my collection for 2 years in this condition and I just don't think I'm ever going to get a "round tuit." \$375

Pair of brand new matched Phillips 6550 final tubes for the CE-220V or anything that uses 6550's: \$85

E. F. Johnson Viking Valiant II, 160 - 10 meter plate-modulated AM/CW transmitter at the top of its class in the early 60's. Has a few paint chips on the front panel, but the unit looks near-mint inside and out. I am the third owner. With original manual and original owner's letters about different (minor) factory changes. \$525

Panoramic Model PCA-2T-200 Panadapter. Clone of Hallicrafters SP-44. This one has a very clean black wrinkle finish with a near-mint front panel and it works okay too. Copy of original QST article included. Excellent. \$159

## 11 METERS

Polytronics Lab Poly Comm Sr. 23 tube-type CB. With ring and message light features. Beautiful beige wrinkle panel with chocolate brown case and knobs. With matching stainless steel turner hand mic, AC cable and DC cable. It takes a critical eye to locate any part oif this unit that does not look brand new. Includes base-staion bracket and carry handle. Working. Excellent. \$77

Polytronics Lab Poly Comm Sr. 23 tube-type CB. Same as above in just fair condition. As-is. Untested. \$27

Browning Golden Eagle CB rig, S-23 and R-27. Excellent. Works but has hum in audio. \$187

Fanon FCB-33A "Explorer" single channel CB walkie talkies. 2 walkie-talkies with vinyl slipcases, original box and paperwork. Like new in every respect except that the tip of one of the collapsible whip antenna is broken off.

Really neat collectible. One works one doesn't. \$37  
Regency "Range Gain" 23 channel tube-type CB transciever. 110vac and 12vdc  
(vibrator) supplies built-in. With matching original PTT hand mic and  
DC power cord. No AC power cord. All original and looking pretty nice.  
Untested and chassis needs cleaned. \$29

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: SP600@aol.com  
Subject: copyrights & patents  
Message-ID: <951004230432\_116512744@emout04.mail.aol.com>

Hello fellow boatanchors,

I am wondering if we have any members here that are copyright and or patents lawyers.

I have been contemplating on making some replacement parts for a brand of boatanchor that hasn't been around for 20 plus years. I would sure hate to receive a registered letter or worse stating of a patent and or copyright infringement! A nightmare I wish to avoid.

Any help would be appreciated.

Many thanks,  
Charlie

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: w7ni@teleport.com (Stan Griffiths)  
Subject: CRT Book by Keller  
Message-ID: <199510040233.TAA24922@desiree.teleport.com>

I sold out all of Keller's "The Cathode-Ray Tube---Technology, History, and Applications" that I had (except my autographed copy, of course). The good news is that I was able to get 5 more and they are available on a first come, first served basis for \$30 each, I pay the postage. Your check is OK.

You guys that got them: A one-liner saying what you think of your purchase wouldn't hurt . . .

Stan Griffiths, W7NI  
18955 S.W. Blanton  
Aloha, OR 97007 U.S.A.

Stan W7NI@teleport.com

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: "James P. Rybak" <jrybak@mesa5.mesa.colorado.edu>  
Subject: Re: CRT Book by Keller  
Message-ID: <Pine.3.89.9510032329.A18965-0100000@mesa5.mesa.colorado.edu>

I am very satisfied with my copy of the CRT book by Keller. It gives a very thorough history of the development of the CRT.

Jim Rybak

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: bill@texan.frco.com (William Hawkins)  
Subject: Re: CRT Book by Keller  
Message-ID: <9510040544.AA11450@texan.frco.com>

A one-liner, he says. I was gonna do a review of the book, but of course I haven't finished it, and now I'm in New Orleans for a week. The first chapter, on the construction of a CRT, had lots of useful detail. I finally learned what happened to the ion trap magnet that used to be on TV CRT's. The second chapter, on the history of the CRT was fascinating. Good condensation of the bits of history that had to happen for today's CRT to exist. The third chapter is about the different kinds of CRT's. There's something there for everybody, including the Coke bottle CRT. That's as far as I got.

How about this for a one-liner?

I think that I got my money's worth from Keller's book.

Bill Hawkins bill@bvc.frco.com 612 895-2085 Minneapolis, MN USA

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: "James P. Rybak" <jrybak@mesa5.mesa.colorado.edu>  
Subject: Re: CRT Book by Keller  
Message-ID: <Pine.3.89.9510040835.A26976-0100000@mesa5.mesa.colorado.edu>

I agree with Bill Hawkins' comments on the CRT book by Keller. I am very pleased with my copy.

Jim Rybak

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995



From: Sean McCarthy <wx81@vtc.tacom.army.mil>  
Subject: CV-591/URR info please...  
Message-ID: <01BA91F1.C345FE40@wx81.tacom.army.mil>

Hi all,  
I am looking for some information on a TMC CV-591/URR sideband converter. I have no manual and I want to hook it up.

Can anyone tell me the function of the rear connectors and what I need to hook it up with my R-391 (same as R-390).

Also, the unit came missing two tubes: V9 and V10, Im told it works without them, but I'd like to know what they were for.

I'd like to buy a TM for this unit if any of you have one, or know where I can get one.

Last but not least, this unit has an orange equipment tag, I've never seen that before, can anyone shed light on this?

Thanks,  
Sean

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: pbock@melpar.esys.com (Paul H. Bock)  
Subject: Dating Vibroplex bugs - a recommendation  
Message-ID: <9510041615.AA04645@syseng1.se.melpar.esys.com>

If any of my fellow BAers have Vibroplex bugs you'd like to have *\*ACCURATELY\** dated, here's a suggestion: drop a line to John Elwood, WW7P, and give him the following information on your bug(s):

Model (i.e., "Original," "Lightning Bug," etc.)

Variant (i.e., Standard [painted base], Deluxe [chrome base exc. WWII with dark gray paint], or Nickel base

Serial number

Street address on nameplate

Highest patent # on nameplate

John will tell you the time period during which your model,

variant and nameplated Vibroplex bug was manufactured, and the approximate date (within 1-2 years) when your particular instrument (by serial #) was built.

This information is of value when catalogueing a collection, and might be a source of "good news;" for example, I have an old Original Standard which I "guessed" was from the early to mid-30s time period, but John has dated it as probably having been manufactured in 1925.

If you have any bugs with original sales receipts showing when they were first sold, this is of value to John in refining his dating technique. And, BTW, simply looking at the serial number will \*NOT\* accurately date all Vibroplex bugs; there are "inconsistencies" in the serial numbering scheme which make that method suspect, particularly with earlier Vibroplexes.

John's address is:        John N. Elwood, WW7P  
                             5716 N. 34th Drive  
                             Phoenix, AZ 85017

As a courtesy, I always send along an SASE to save John the postage in replying.

73,

Paul, K4MSG

(|\_|) Paul H. Bock, Jr. K4MSG        Internet: pbock@melpar.esys.com  
| |) Principal Systems Engineer   Telephone: (703) 560-5000 x2062

"You can have my bug when you can pry my cold, dead fingers from around it....." - anonymous radiotelegraph operator

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: pbock@melpar.esys.com (Paul H. Bock)  
Subject: Early Tek 'scopes - 317?  
Message-ID: <9510041316.AA29613@syseng1.se.melpar.esys.com>

>I consulted with a close friend of mine who worked at Tektronix in the very  
>early days (early '50s) and asked him what his earliest recollection of the  
>310 oscilloscope was. He said it was introduced in 1953 and it, along with  
>the type 360 monitor, were the earliest examples of PC boards used at Tektronix.

>Stan        W7NI@teleport.com

Anyone know what vintage a 317 is? That's what I've used  
for 20 years as my workshop scope.....

73,

Paul, K4MSG

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: w7ni@teleport.com (Stan Griffiths)  
Subject: Re: Early Tek 'scopes - 317?  
Message-ID: <199510050033.RAA12603@desiree.teleport.com>

> Anyone know what vintage a 317 is? That's what I've used  
> for 20 years as my workshop scope.....  
>  
> 73,  
>  
> Paul, K4MSG

Hi Paul,

> From page 205 of my book, the last catalog price of the 317 was \$1250 and it  
last appeared in the 1971 Tek catalog. Unfortunately, I am not sure when it  
FIRST appeared but I would guess it was about 1961. One bit of information  
that you should know is that the CRT used in the 317 is unique to the 317  
and the rackmount version of it, the RM17. No other CRT will work in a 317  
and the  
CRT used in the 317 (and RM17) was not used in any other instruments. If  
you see a junk 317 or RM17 with a good CRT in it for cheap, I suggest you  
get it for a spare as that is virtually the only source.

73, Stan      W7NI@teleport.com

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: Henry van Cleef <vancleef@bga.com>  
Subject: Re: Early Tek 'scopes - 317?  
Message-ID: <199510050401.XAA03530@zoom.bga.com>

As Paul H. Bock said

>  
>  
> Anyone know what vintage a 317 is? That's what I've used  
> for 20 years as my workshop scope.....

>

I have a June 1958 Short Form Catalog bound into a 545 manual. Interestingly enough, the manual itself was not printed until around Jan., 1959, and most of the schematics in it were drawn in late '59.

Anyway, it shows the 317 as "new" and has a note "Available Fourth Quarter 1958."

This catalog also features the 533, 543, 551, and 502 as "new," without any delivery qualifications, so those probably were all being shipped in the spring of 1958.

Other manuals have short form catalogs from Feb. and June '59. Approximate chronological order runs something like this:

533, 543. Note that these scopes came a few years after the other '50's 530/540 scopes, and were built originally to a "half-A" configuration (i.e., the internals resemble the 531A and 541A), although they were further revised to "A" models in 1960. 310A was sometime in late '58.

581/585 were introduced in '59, with 80/P80, and a promise of more plug-ins that were supposedly "in development. I worked on the 82 and 86 designs after I had been with Tek for a while----around early 1962, as I recall---so Tek was none too hasty about getting suitable plug-ins for the 580-series.

The 531/535 and 541/545 became "A" models, with extensive revisions, in the spring of 1959. I have a late plain 545, built around March '59, and a manual that was issued in Dec. '58, and have swapped some notes about its configuration with Stan Griffiths. What I never realized, and I don't think Stan does, either, is that Tek evidently put a lot of the electrical modifications used in the 543 into the late 545's. The front panels and sweep control configurations did not change until the "A" series was released, and so far as I know, all of the non-A scopes had selenium rectifiers.

--

\*\*\*\*\*  
Hank van Cleef vancleef@bga.com vancleef@tmn.com  
\*\*\*\*\*

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: w7ni@teleport.com (Stan Griffiths)  
Subject: Early Use of PC Boards  
Message-ID: <199510040226.TAA22924@desiree.teleport.com>

I consulted with a close friend of mine who worked at Tektronix in the very early days (early '50s) and asked him what his earliest recollection of the 310 oscilloscope was. He said it was introduced in 1953 and it, along with the type 360 monitor, were the earliest examples of PC boards used at Tektronix.

Stan      W7NI@teleport.com

From boatanchors@theporch.com   Wed Oct  4 17:14:12 1995  
From: Craig Elders <MIS0003C@tcuavm.is.tcu.edu>  
Subject: Free 3380 and 3880 boat anchors!

We have just signed an agreement to replace out IBM 3380 DASD farm with new STK arrays. We have been trying to find scrap dealers who might want our disks and controllers after having no luck in finding anyone who might could really use them. They will be available to anyone with a truck the last of November.

We have:      4 3880 Controllers  
                 7 3380-AD4 Disks  
                 8 3380-BD4 Disks  
All are currently on IBM maintenance.

Have a good week!

Craig Elders  
Texas Christian University  
Fort Worth, Texas  76129  
(817) 921-7695 x 6846

C.Elders@TCU.EDU

From boatanchors@theporch.com   Wed Oct  4 17:14:12 1995  
From: Jon Eidson <eidson@UNIX4.IS.TCU.EDU> (by way of steve@hi.com (Steve Byan))  
Subject: Free 3380 and 3880 boat anchors! (fwd)  
Message-ID: <Pine.OSF.3.90.950929091554.1788B-100000@unix3.is.tcu.edu>

I know it's off-topic, but boatanchorites are such scoungers I figure someone might have a fondness for these 1980's vintage computer boatanchors. No tubes in 'em, but you'll find some hefty low voltage linear power supplies.

Regards,  
-Steve

----- Forwarded message -----

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: dmedley@indirect.com (David Medley)  
Subject: FS SX-24 and Navy RAS  
Message-ID: <199510041721.KAA25648@bob.indirect.com>

SX-24 Hallicrafters Super Defiant. This is an unusually clean radio from the 1940s. Most Hallicrafters from this era show signs of severe corrosion but this one is clean and unmodified. It spent much of its life packed carefully and stored in an attic in Kansas by its original owner. I bought it from the estate.

As received it did not work due to many dried out capacitors. I have replaced some of these and the radio works well up to 15MHz but above that the best I can say is the operation is poor. The cabinet is scratched in places but would not be difficult to refinish. This is a really nice example of the SX-25. It comes with manual and tubes but no speaker. \$300.00 OBO

Navy RAS. This radio is a Navy version of the National HROjr. This one is clean and in working order. The power supply has been restored with new filter caps.

The coil box rack mount unit is missing and there are only 5 coil sets. The 1.9 -2.5 and 15-30 coils are missing. The gridded panel in the PS is also missing.\$150.00 OBO.

Packing and shipping of each is to buyers account and should be around \$30.00.  
Reply to dmedley@indirect.com

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: Thomas Bryan <tbryan@mailstorm.dot.gov>  
Subject: FS: Navy RAS-2 (HRO)  
Message-ID: <199510040127.VAA25267@mailstorm.dot.gov>

Hello All,

I have a Navy RAS-2 HRO receiver for sale. (another project I will never get to) The bad news is that it is in somewhat poor condition. I have the receiver, the coil set in the rack mounted cabinet, and the speaker panel less speaker and grill. I do not have the power supply. The coil set is in bad shape but complete. It sat with water collected in the bottom of the cabinet and there is water damage on all the coils except the one that was in the receiver (14-30 MHz). The receiver itself is not too bad. I want to get \$100 plus shipping. I prefer a local pickup in the Washington D.C. area.

If you have any more questions send me an email.

Tom Bryan

tbryan@mailstorm.dot.gov

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: Sheldon Wheaton <swheaton@tyrell.net>  
Subject: FS: RME 4302 speaker  
Message-ID: <Pine.SUN.3.91.951004072221.20975E-100000@tyrell.net>

For Sale: RME 4302 speaker  
Very good original condition, gray cabinet, as used with 4350 receiver.  
unchecked, but I will confirm voice coil continuity at buyers request  
prior to sale. Price: \$35 plus shipping.

reply by email to swheaton@tyrell.net

73,Sheldon

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: w0ogh@ix.netcom.com (Larry Godek)  
Subject: GE Ham News  
Message-ID: <199510041548.IAA27837@ix9.ix.netcom.com>

I recently picked up several years worth of "GE Ham News" from 1947  
thru 1949. Although they are not complete they are very good and  
boatanchor orientated. My copies start at Vol. #1, Issue #1 and I  
would like to fill out the 4 years that I have.

If you happen to have any of the following, I have some duplicate  
issues that I would be willing to trade.

Need: Vol.#1 Iss.#2 July-August 1946  
Vol.#1 Iss.#4 Nov.-Dec. 1946

Vol.#4 Iss.#4 July-Aug. 1949  
Vol.#4 Iss.#5 Sept.-Oct. 1949

Extras:

Vol.#2 Iss.#4 July-Aug. 1947  
Vol.#3 Iss.#2 Mar.-Apr. 1948  
Vol.#3 Iss.#3 May-June 1948 2 copies  
\* Vol.#3 Iss.#6 Nov.-Dec. 1948  
Vol.#4 Iss.#2 Mar-Apr. 1949

These pubs 9 1/4 X 6 1/2 are all in excellent condition except for the  
one marked with the asterisk.

I also have some of the Philco News Tips from the same era although they are not too terribly BA orientated. I would also like to find some of the RCA publications from the same era. Any one have some of them laying around taking up desk space?

Larry W00GH@ix.netcom.com

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: W7FG@aol.com  
Subject: Help needed on T4/FRC  
Message-ID: <951004114905\_70851567@emout05.mail.aol.com>

I just obtained a transmitter that I had when I was about 14 years old, and need to find info on it, and some coils. When I was 14 the transmitter worked for about a year and then a failure occurred, never could find the problem, so friends and I dismantled it and went from there with the parts. I would really like to get this one back on the air and have put booby traps for wire cutters in it already, HI HI..

The transmitter was made by Aircraft Accessories Corporation of Kansas City, in 1943. Only model number is T4/FRC.

Tube line up: 6V6 in master oscillator, 6V6 Buffer, 807 to pair of 807's in Push-Pull to a pair of 810's. The Unit is 5 foot tall, and about 14 inch's wide. Uses plug in coils (3), final tank coil looks like a BC-610 coil.

Anyone out there have info on the unit, or know its history??

Please respond to me directly at: W7FG@AOL.COM or copy me at this address.

I'm not monitoring the Forum at this time, just not enough time to go through each message everyday, so have taken a break for awhile.

Thanks for any info.

73's Gary W7FG.



From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: Gale Carlisle <gcarlisl@cln.etc.bc.ca>  
Subject: HRO-60 mated with ??????  
Message-ID: <Pine.3.89.9510041211.A11254-0100000@cln>

Thanks to all those people that responded with my question. My search will consider only a rackmount transmitter to go with the HRO-60 unit. Yes the reciever was complete with all the coil units that were listed as standard with the reciever. It did not have the calibrator or the FM unit installed. I really got a good buy on the reciever. The owner is a SWL and decided to sell after the reciever started to HUMM badly.

I kept my best POKER FACE on and paid him the asking price of \$50.00 Canadian, and quickly drove home with the reciever and repaired the bad filter capacitor with an identical unit from my stock. This unit works SUPERBLY. The speaker had a slight rattle, but after stuffing paper towel between the cone and frame, it now sounds great. I am going to have the speaker rebuilt, and if someone can supply me with address of a competent rebuiler, it would be very appreciated.

Thanks Steve Carlisle  
VE7AHL

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: Gale Carlisle <gcarlisl@cln.etc.bc.ca>  
Subject: HRO-60 mated with ???????  
Message-ID: <Pine.3.89.9510032026.A19234-0100000@cln>

I am the owner of a NATIONAL HRO-60 rackmount together with the rackmount speaker and coil cupboard. What transmitter would have been paired with this unit. Would this reciever have been used mostly by military, commercial or possibly by an amateur operator.

The HEATHKIT APACHE that now sit's along side of it clashes badly, colorwise. I would like to obtain a good companion to this reciever so any suggestions will surely be considered.

Thanks, Steve Carlisle  
VE7AHL

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995

From: Sean McCarthy <wx8l@vtc.tacom.army.mil>  
Subject: RE: HRO-60 mated with ???????  
Message-ID: <01BA91EE.C29CA640@wx8l.tacom.army.mil>

I am the owner of a NATIONAL HRO-60 rackmount together with the rackmount speaker and coil cupboard. What transmitter would have been paired with this unit

Well, there is no "matching" transmitter for the HRO-60, but as I look back thru my old handbooks it occurs to me EF Johnson had it right...

The HRO-60 and a Ranger driving the Desk KW...

A match made in heaven if you ask me!  
Oh, and unless I'm mistaken, the HRO-60 was strictly Amateur.

Enjoy!  
Sean

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: Andy Wallace <wallace@mc.com>  
Subject: Re: HRO-60 mated with ???????  
Message-ID: <9510040422.AA03021@kali>

----- Begin Included Message -----

From: Gale Carlisle <gcarlisl@cln.etc.bc.ca>  
Subject: HRO-60 mated with ???????

I am the owner of a NATIONAL HRO-60 rackmount together with the rackmount speaker and coil cupboard. What transmitter would have been paired with this unit. Would this reciever have been used mostly by military, commercial or possibly by an amateur operator.

The HEATHKIT APACHE that now sit's along side of it clashes badly, colorwise. I would like to obtain a good companion to this reciever so any suggestions will surely be considered.

---- End Included Message ----

Sell the Apache to any BA List person. I'm sure we're all green with envy now, and it will make a good match! I'd sure be proud to own that HRO setup, anyway! I assume the coil cabinet is FULL? (I'm

still looking for coils for my HRO-50.)

Well, I think the grey hammertone of the National HRO-50 and -60 was never really matched by any transmitter of that era. National didn't make many transmitters. I don't recall even seeing any from the 40s and 50s, though they did transmitters before that, and transceivers afterward.

You'll probably get a zillion responses. I don't know. The Apache, though it doesn't match in color, is surely a good match for a big AM rig to go with a nice, big AM receiver. The earlier DX-100s might be a closer match, but the quality of construction isn't as impressive as the Apache. Hammarlund made some transmitters (HX-50, HX-500, etc.) that would at least be GREY but not a great match. (I've also heard those transmitters can be a pain to keep running.) So I really don't know what to suggest. It's a shame National didn't make a big, pretty, ham rig like the HRO. Maybe they made a commercial rig? I'm not a scholar of National stuff.

As for the thing being used by the military, possibly, but I have seen hamshack pictures with the receiver as a rackmounted unit. A lot of the ham homebrew stuff was in racks...I'm sure that's why they offered it that way, too.

--Andy  
wallace@mc.com

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: Sheldon Wheaton <swheaton@tyrell.net>  
Subject: Re: HRO-60 mated with ???????  
Message-ID: <Pine.SUN.3.91.951004071206.20975B-100000@tyrell.net>

For a transmitter to mate with an HRO-60, I always think a Johnson rig of similar vintage is appropriate since National didn't really make a matching TX, and Johnson didn't make receivers. This way, neither one looks like it is missing it's brother or sister. How about a Ranger, or better yet, sit it on top of a desk Kilowatt.

73, Sheldon KC0CW

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: "Roberta J. Barmore" <rbarmore@indy.net>  
Subject: RE: HRO-60 mated with ???????  
Message-ID: <Pine.3.89.9510040945.A12133-0100000@indy1>

On Tue, 3 Oct 1995, Sean McCarthy wrote:

> Oh, and unless I'm mistaken, the HRO-60 was strictly Amateur.

Not \*strictly\*--NBS seems to have used them for various things. Photos in some of my reference books show HRO-60s in use as detectors in RF-type bridges at NBS, for instance. Wouldn't be too suprised to see them used in commercial shore stations of the day, either, at least for HF service. (Did National make 600m coilsets for the -60? Seems unlikely, but you never know....)

--Bobbi

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995

From: Steven Wilson <randyw@crl.com>

Subject: RE: HRO-60 mated with ???????

Message-ID: <Pine.SUN.3.91.951004082140.18328A-100000@crl14.crl.com>

Yes Bobbi is correct. I worked for the Navy in one of their Calibration Labs (NAD Crane) in the early 60's and we were supplied a new National HRO-60 with all of the coils and a fancy console to use in the RF lab as a detector. We also had a 51J3 for WWV. I have often wonder if the HRO is stilling sitting around there in a back room.  
de stan ak0b

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995

From: thaake@bsm2ee1.attmail.com (thaake)

Subject: RE:HRO60

Message-ID: <PMX-TERM-2.02-bsm2ee1-thaake-194>

RE: HRO-60 and companion transmitter

FWIW,

I have never been able to find a Johnson Desk Kilowatt to set my HRO on so I took a different route.

The HRO has plug-in coils and so does my Globe King 400. They may not be time wise a correct match but they sure are paired well in every other aspect I can think of. BTW, my HRO is a 50T1. I would pair up any well built medium power AM rig using plug-in coils and feel sastified. Only problem is what is there to choose from? Any ideas out there??

Tim WA0TSY  
thaake@bsm2ee1.attmail.com

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Re: I'm a Loffer  
Message-ID: <80870.ddillman@igc.apc.org>

On Wed, 4 Oct 95 21:09 EST,  
Joseph Cooper <joe@westonia.com > wrote:

>I just got my letter of permission from the Radio Inspector to do experimental  
>work on 160Khz to 190Khz. He was very keen on my opening up this band for  
>local use.

Wow, no kidding? A Radio Inspector? Outstanding. That title was put  
to rest here in the States many decades ago. It's enough to make me  
move north, become a Canadian citizen and apply for the job.

So you have to get a letter of permission, eh? Here, we can just  
start experimenting away - but under very severe restrictions of power  
and antenna length. What does your letter of permission allow?

>Have you any interest there yourself ?

Yes, but it's an absolute impossibility here in the city. The noise  
is so high I can't even listen to shortwave.

Ah, but I did visit a LF enthusiast living on a goat farm inland from  
the coast east of Big Sur, California. It was an ideal LF location,  
miles from the nearest power line. I posted a narration of that visit  
a while ago to the list. If you missed it and you're interested,  
please let me know. I'll re-post it.

>Much of our discussion has been about the New York/New Jersey/Long Island  
>sites for  
>VLF transmitters. How about the West Coast and Pacific ?

There was at least one Alexanderson alternator, known as BL1, in  
Bollinas (north of San Francisco) at the RCA station, KPH. I know  
because the plate stating so was still on the outside wall of building  
No. 1 when I first visited there. I hope and believe that the plate  
is in the hands of a radio historian who is carefully preserving it.

(The current "low" frequency transmitter is BL10 on 500Kc/s. It's  
built like a room with walls and a regular-looking door. A girlfriend

of mine once opened the door, setting off all kinds of bells!)

It's a little less clear what went on at KFS, the station south of San Francisco, in the early years. The engineer there now says yes, there was an alternator there too, but he was unconvincing.

I'm also not sure what the deal was with NMC, the Coast Guard station. They go back far enough to have been on LW.

Then there was KTK, the Globe Wireless station (now the site for the ARINC HF transmitters) on the ridge above KFS, and KOK in Los Angeles. Don't know about the original operating frequencies at these places.

And finally, there were other vanished stations I'm aware of from various odd sources. A post card shows a tower and the title Mt. Tamalpias Wireless Station (Mt. Tamalpias is just north of the Golden Gate) and an old map I picked up, which I think I've mentioned to you, shows a wireless station at the west end of Golden Gate park and another in the hills just south of the city line.

I've posted this to the list too with the hope that another, better informed radio historian will be able to add some details.

>There was the famous site at Haiku where the antenna was strung between the  
>lips of a dead volcano. There were four elements, separated by 400' and its  
>total span was 7200', with the active part being 2,400'. The downlead itself  
>was 1500'.

Yeah, see, that's the kind of array it's hard to put up in the city.

I believe the receive end of that circuit was at the Marconi site in Marshall, north of Bolinas. The buildings still stand (as a conference center, with a nice display on the history of the site). You can easily see the massive antenna bases and guy anchors up behind the site, all in a row aimed at Hawaii.

>There is another site at a place called Jim Creek on the West Coast. It was  
>still operating in 1961.

I've heard of Jim Creek but didn't know it was on the West Coast. Any further details?

Best Regards,

Dick Dillman/WPE2VT  
<ddillman@igc.apc.org>

San Francisco

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: Schroeder.Wbst207V@xerox.com  
Subject: Key id request  
Message-ID: <"4-Oct-95 11:31:27".\*.Schroeder.wbst207v@Xerox.com>

Hollowstaters,

I recently re-discovered an old key that I used in the late 50's / early 60's.  
Would appreciate any input based on the following sketchy description:

Base dimensions 3 1/2 inches x 1 5/8 inches x 1/4 inch thick, appears to be a  
moulded "bakelite" with imbedded metal components. The following markings  
appear on the top of the base:

KEY W.T. 8 AMP  
N02 MKII

The following markings appear on the bottom of the base:

P.T. & E.W.  
1941

ZA 3145

The movable arm is 3/8 inch square and I vaguely remember it having a round  
black knob at the keying end (now modified). All the metal appears to have a  
nickle plating.

No, it is not for sale. Cleaned it up and it is now happily sending CW again.  
TIA.

73 Russ W2DYY

[schroeder.wbst207v@xerox.com](mailto:schroeder.wbst207v@xerox.com)

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: MEC <[danmec@inet.uni-c.dk](mailto:danmec@inet.uni-c.dk)>  
Subject: Re: Key id request  
Message-ID: <Pine.3.89.9510042012.A29779-01000000@inet.uni-c.dk>

>  
> I recently re-discovered an old key that I used in the late 50's / early 60's.  
> Would appreciate any input based on the following sketchy description:  
>

> Base dimensions 3 1/2 inches x 1 5/8 inches x 1/4 inch thick, appears to be a  
> moulded "bakelite" with imbedded metal components. The following markings  
> appear on the top of the base:  
>  
> KEY W.T. 8 AMP  
> NO2 MKII  
>  
> The following markings appear on the bottom of the base:  
>  
> P.T. & E.W.  
> 1941  
>  
> ZA 3145  
>  
> The movable arm is 3/8 inch square and I vaguely remember it having a round  
> black knob at the keying end (now modified). All the metal appears to have a  
> nickle plating.  
>  
> No, it is not for sale. Cleaned it up and it is now happily sending CW again.

THIS IS DEFINATELY A BRITISH KEY FROM WW2.

73 Rag OZ8R0

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: Duncan Cadd <dcadd@luc.ac.be>  
Subject: key wt 8 amp no 2 mk II  
Message-ID: <9510041602.AA20889@alpha.luc.ac.be>

Greetings, Russ, from a dull but dry Diepenbeek in N.E. Belgium!

>KEY W.T. 8 AMP NO2 MKII  
That's the name of it!

> P.T. & E.W. 1941

That's what it is, this was a very well-known series of WW2 vintage keys, most made by subcontractors by the tens of thousands. I have a mk I (which doesn't say it's a mk anything) but otherwise I expect it's very similar to yours. They went up to no 3 by the 1950s and were used for all manner of things. Best review I ever saw was in Morsum Magnificat, but sadly the issue concerned is



now out of print and I gave mine to a friend! PT & EW was obviously the subcontractor concerned, but off the top of my head I couldn't tell you who they were or how many keys they made. I don't KNOW if any were made in the US or Canada, but given British dependance on North American help in WW2 I'd be surprised if there was NOT a factory on the other side of the pond turning them out. Cartloads of 'em made in the UK, though. Still turn up regularly at ham rallies, usual price around 5-10 pounds each, only fault I note is the simple rod bearing is sometimes a bit sloppy with slightly irritating sideplay other than that the contacts sometimes oxidise a bit - not a problem if there's more than a handful of volts across the key, but troublesome on occasion if used with sillycon rigs. Some are rare, but not I think the one you have. The real collectables in the Key WT 8 Amp No x mk x are the 'signalling set' ones used with training aids or lamps, but without the Morsum Magnificat article I can't be more specific.

73,

Duncan ON9CHU / GOUTY G-QRP 8117

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: don merz <71333.144@compuserve.com>  
Subject: Manual Sources  
Message-ID: <951004151217\_71333.144\_DHQ44-5@CompuServe.COM>

A general post to a specific message:

My favorite and most successful source for OLD test gear manuals and data is Alton Bowman, 4172 East Avenue, Canandaigua, NY 14424-9564. You should write with specific requests and include an LSASE. His "catalog" which is also available for an LSASE is pretty incomplete... Most manuals are \$5-\$10 each.

For Tek and HP gear of more recent vintage (1950's-present) I don't think Manual Maseda can be beat. He has many original Tek manuals less than \$15. I don't have a current address but his ad is in the Test Equipt section of every issue of Nuts & Volts.

Good luck!  
Thanks.  
Don, N3RHT  
71333.144@compuserve.com

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: Randy.Cook@Corp.Sun.COM (Randy Cook)

Subject: manuals for BAs

Message-ID: <9510041956.AA01497@mmmkt.Corp.Sun.COM>

If anyone is looking for manuals, I highly recommend The Manual Man, Pete Markavage 908-238-8964

I have order several manuals from him and they were very professional. Prices are resonable, and service is prompt.

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995

From: Henry van Cleef <vancleef@bga.com>

Subject: Matching transmitters for HRO

Message-ID: <199510041817.NAA09215@zoom.bga.com>

>From the folks that brought you the HRO:

VFO, exciter, final amp from James Millen.

Actually, the Millen products were designed (mechanically) by Phil Eyrick, who did the National sliding coil box receiver (NC-100, NC-200) designs.

--

\*\*\*\*\*

Hank van Cleef vancleef@bga.com vancleef@tmn.com

\*\*\*\*\*

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995

From: Gerwitz James <p06288@gegpo9.geg.mot.com>

Subject: Need info

Message-ID: <307306AB@gegpo1.geg.mot.com>

Someone mentioned on the net recently that there is a person in Phoenix that repairs oscilloscopes and does an excellent job. Can someone repost the information so that I can contact him? I need my Tektronix 454 gone through and calibrated.

Thanks!

Jim N7QHK

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995

From: pbock@melpar.esys.com (Paul H. Bock)

Subject: Re: Old radio broadcasts

Message-ID: <9510042100.AA11054@syseng1.se.melpar.esys.com>

> Now, if I could only plug in that radio I found in the Maine antique  
>shop and hear programs of its day....sigh.  
> 73 de paul

Regarding that subject: The XYL and I were stationed in Morocco from 1969-71, living on the base in Kenitra (formerly Port Lay-oh-tee, however it's spelled), and AFRS ran a \*GREAT\* schedule of radio programs just like in the "golden days" of radio: Fibber McGee & Molly, Gunsmoke, Suspense, some of the "theater" shows, Jack Benny, etc. Same time of day, same day of the week, just like the old shows used to be. Every Saturday around noon, for example, we had "Have Gun, Will Travel," which I never knew \*WAS\* a radio show; it featured John Dana as Palladin, and his voice sounded \*EXACTLY\* like Richard Boone (the TV Palladin).

Listening to those shows was our entertainment, the local TV being all in Arabic and on the European standard anyway (our U.S. sets wouldn't work without some tweaking). It reminded me of the one \*BIG\* advantage of listening to a drama or comedy on radio as opposed to watching it on the boob tube: you could \*DO SOMETHING ELSE AT THE SAME TIME\* (like, tinker with a BA, or build a kit, or whatever).

Miss those days.....that's why I listen to the BBC down in the shop at night.

73,

Paul, K4MSG

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: Paul.Thekan@pgtp.varian.com (Paul Thekan)  
Subject: RE Old Radio Broadcasts  
Message-ID: <9510050449.AA16841@pgtp.varian.com>

Greetings BAs

A couple of recent posts concerning old radio broadcasts has compelled me to relate some recent fun I had with recorded WW2 Axis broadcasts and my BC 342 receiver.

Last week I brought my BC 342 receiver and matching LS 3 speaker to work. Along with that , I also brought a cassetteplayer and a low power

AM broadcast band xmtr, the type youngsters build to broadcast their voices onto AM radios. I set up the receiver on a shelf in front of my work bench and very carefully hid the recorder and xmtr in a desk drawer. I placed a switch under the desk that I could activate with my knee to turn power on and off to the recorder and xmtr in the drawer. Hooked up, about 20 ft of wire ant. to the receiver and stung it across the lab and I was in business.

I popped a cassette recording of German WW2 broadcasts into the theplayer , fed the audio output into the low power AM xmtr , turned on the 342 and tuned in on one of the harmonics of that little xmtr produces tuned to about 9 Mcs and was able to hear a very convincing 50 + year old broadcast coming out of the LS 3. As luck would have it , Klaus walked by, he was a young boy in Germany during the war and is a tooling designer here at work and very nice guy. He hears this German broadcast, in german, and wants to know what the H--l I'm listening too. I tell him this is a old WW2 receiver that will pick up old radio broadcasts that are still out there in the ether. Aw B-----t he says and proceeds to start reomoving the ant , which of course causes the broadcast to go dead. Hooks the ant back up and starts to tune the radio , it tunes in just like a real station and to make it only better its hetrodyning with a adjacent spanish SW broadcast. He even turns on the BFO to zero beat on the German station. Klaus is a SWL and knows his way around a receiver. I'm doing everything within my power to keep from laughing.

We where listening to Admiral Raeder welcoming a U Boat back , after it had sunk the British Battleship the Royal Oak. And with Deutschland Uber Alles being played in the background. Please understand I'm no Nazi lover but it did sound pretty impressive. Word soon spread at work and I had all sorts of people stopping by to hear the miracle of the old radio broadcast reception. I also had a Tokyo Rose tape I played , equal acess for the Axis's. Some people figured it was rigged but I was surprised how many people actully beleived my story , saying how they had heard of this happening to other peoples radios. I've made a list of the names of the beleivers and hope to maybe sell them some real estate in Florida at some future date. I've never had so much fun at work and it could not have been pulled off with out that great old BA , the BC342.

Thanks for the bandwidth to relate this BA Tale

Paul  
N6FEG

Paul Thekan - Speaking for Himself  
Paul.Thekan@pgtp.varian.com

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: Rick Blank <rblank@legend.txdirect.net>  
Subject: re:paint jobs  
Message-ID: <9510050505.AA29903@legend>

At 05:13 PM 10/3/95 -0500, you wrote:

>After reading G8PTH's posting on the cellulose paint topic, I think I  
>realize what was done to my 75A-2 cabinet. It's really a pretty Green  
>or maybe I'm just getting used to it. At any rate the inside of the  
>cabinet is "original St. James" in color and I'd like to keep it this  
>way.

>

>However the outside is green cellulose textured and I would like to  
>remove that. Any suggestions on how to "remove" the cellulose green  
>stuff without damaging the interior. Really I would be happy to just  
>get rid of the "Green" stuff on the outside. Should I use just any  
>paint remover or is this cellulose stuff something special?

>

>Any suggestions? Any one want to trade me cabinets?

>

>Larry W00GH@ix.netcom.com

>

>

What G8PTH is referring to is what we Yanks call lacquer...there are two  
basic kinds of lacquer,  
cellulose and acrylic, cellulose is what was primarily made before plastics  
technology  
advanced after WW2. It gives a beautiful but not very durable finish on  
automobiles, etc.,  
but is not as durable as enamels are...after painting a bunch of cars with  
both lacquers for  
their owners, I would not have it on a car I drive on the street...a correct  
restoration,  
though, sometimes calls for cellulose based paint...

Since lacquer dries primarily by solvent evaporation and not by  
polymerization as in enamels,  
you can probably attempt to take the lacquer off with lacquer thinner...some  
of the  
real cheap brands may not be as strong as the name brands, but, check it on an  
un-noticed area first...if the cabinet has been oversprayed with an enamel,  
well, you may  
want to just clean the green very, very well and overspray the outside with  
the correct  
St. James non-wrinkle paint after using a very light but complete coat of

primer.

As usual if any of you or your team should be captured, we will disavow any knowledge of your actions....Good Luck.

Rick Blank, KI5SL	rblank@txdirect.net
2223 Blanco Road	KI5SL@K3WGF.STX.USA.NOAM
San Antoni, Texas 78212	AMSAT NA#26195

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: The Anti-Yuppie <AET7350@ritvax.isc.rit.edu>  
Subject: PCBs  
Message-ID: <01HW1WTGDD789TDA71@ritvax.isc.rit.edu>

Two engineers, who had worked at my university's radio station longer than I had, were concerned about PCBs in old capacitors. In particular, they were worried about an old high-voltage capacitor that was often used as a doorstop and about the capacitors in a late '50s vintage Gates 1KW FM transmitter and an early '70s Wilkinson FM-10 transmitter. I thought that PCBs were only found in oil-filled high voltage capacitors, which would rule out the FM-10, which is an early solid state 10Watt FM transmitter sporting a final with a collector supply of 12 Volts. I guess they just wanted to "play it safe" with toxic chemicals. Where is one likely to run into PCBs in boat anchors?

Alfredo  
Engineering Director (on a leave of absence) WITR, 89.7 FM

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: jproc@worldlinx.com  
Subject: RE: PCBs  
Message-ID: <Chameleon.4.01.2.951004212519.jproc@jproc>

. Where is one likely to run into PCBs in boat  
>anchors?

Alfredo,

Besides capacitors, PCB impregnated oil can be found in hermetically sealed power transformers and chokes. Aboard HAida, I have an antenna multicoupler made by TMC. The power transformer, choke and all of the six isolation stage

transformers are filled with oil. (likely with PCB's since it was made in the 1950's). When you carry this device, it makes the wierdest sound: slush...slush...slush...

Regards,

-----  
Jerry Proc VE3FAB  
E-mail: jproc@worldlinux.com  
Radio Restoration Volunteer  
HMCS Haida, Toronto Ontario  
-----

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: afpgreg@state.me.us (Paul V. Gregory)  
Subject: Pre-Sarnoff FM B'dcast Band  
Message-ID: <199510041731.NAA02373@gatekeeper.ddp.state.me.us>

Ahoy,

I found something curious at a local antique store during my lunch hour--a walnut-cased, tabletop radio...pretty old looking. Appears to be just a plain-Jane appliance for entertainment purposes, made by General Electric.

But...

The dial reads out "FM" thru a 42 thru 50 mc range! Was this Armstrong's FM b'dcast band which succumbed to Sarnoff's FM band that we use today? I didn't think Armstrong's band was used commercially. Were his antennae overlooking the Hudson from Alpine, NJ used on this band? (They're still there last I looked--very impressive memorial.)

Or is this radio merely for ol' time utility radio (police-fire) listening? I didn't get a chance to look at its insides, but its patina and ac cord shout "boatanchor." The store wants \$35.00 for it, and it's in excellent condition cosmetically.

--Paul

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: John Shriver <jas@shiva.com>  
Subject: Re: Pre-Sarnoff FM B'dcast Band  
Message-ID: <199510041806.0AA07023@shiva-dev.shiva.com>

Most definitely is the prewar FM band, Armstrong's, that Sarnoff stole to (1) screw Armstrong and (2) faciliate RCA's TV program. By stealing that band, he removed Armstrongs patent revenue (royalty) stream from

broadcasters and receiver manufacturers. The loss of this money made it far more difficult for Armstrong to get money to pay lawyers for suing RCA over their use of FM for TV audio without paying patent royalties to Armstrong. This is the lawsuit that Armstrong eventually committed suicide over, and his widow finally won handily.

That band was supposed to be Channel 1 on television. However, RCA argued at the FCC, in order to steal it from Armstrong, that it was a totally unsuitable band for anything, and that FM would be "better off" at the 88-108 mc band. While the FCC let them screw Armstrong, they did not give the 42-50 mc band to TV channel 1 in the end. Now, as we know, it's a military band -- not so "unsuitable" after all.

This is why only very early (pre-war?) TV's have channel 1. Maybe they do use that channel now on CATV -- anyone have those channel assignments handy?

There was a moderate, if regional, amount of broadcasting done on the 42-50 mc FM band. Not clear that any of the broadcasters there ever made a profit. It never was a large market -- there weren't all that many source signals (music) available with higher fidelity to justify the better bandwidth and S/N ratio. 78's and transcriptions certainly were not that hi-fi, and remotes over phone lines weren't that much better.

The move to 88-108 mc really hurt FM, that's for sure. A lot of 42-50 mc FM receiver owners were quite pissed to own "boatanchors". FM lost what little ground it had, and continued to struggle financially until (1) stereo in 1962, and (2) album oriented rock in the late 1960's. The latter is when it finally achieved a mass market.

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: "Roberta J. Barmore" <rbarmore@indy.net>  
Subject: Re: Pre-Sarnoff FM B'dcast Band  
Message-ID: <Pine.3.89.9510041253.A27800-0100000@indy2>

Hi, Paul & y'all!

Yes, that's an Armstrong-era FM band receiver. FM was off and running (or at least limping) in 1940; the Yankee Network's stations and some others (W2XMN, W2XWG, W1XPW, W1X0J, W9XEN/XZR, W9XAO, and W2XOR at least)[1] had \*been\* on the air for some time by then.

From "Radio," No. 254, December, 1940, pp 90-91: "More than 27,000,000 person are embraced in the 110,000 square miles of the of the potential servie areas of 15 frequency modulation stations intially authorized by



the Federal Communications Commission to go on a full commercial basis as soon as practicable."

The stations listed in the article are assigned between 43.9 and 45.9Mcs. The original commercial calls incorporated the last two digits of the frequency: WTMJ's FM, on 45.5, was originally issued "W55M," for instance.[2]

Most of the major cities had stations--the reason I have the magazine along today is that it's been in my briefcase since I copied the article to post at work, since one of the stations was licensed to WBNS, Inc., in Columbus, OH, which happens to be the HQ station for the group that owns the station I work for! There was some Armstrong-band FM on the air throughout WW II.

The same issue has an article by Perry Ferrell, Jr.--"Weak Signal FM Reception"--accompanied by photos of the tower and modulator/driver stages of the W2XMN rig in Alpine, NJ; the front cover photo shows the final.

"Radio," No. 248, April 1940 includes an article about Armstrong's method of generating linear, high-deviation FM, and has a photo of the transmitter building and tower of W1XOJ (Boston, I think--the site is described as near Worcester, MA) on page 45; the cover shows "The 2-meter beam antenna of WEOD atop the Yankee Network studios in Boston."

I'll probably get some flames for this posting (sorry!)--it \*is\* BA-related, though, being both of great interest to hams at the time and quite dependant upon our pioneering work in the (then) five-meter band.

73,  
--Bobbi

- 
1. "Radio," No. 254, December, 1940, pp. 12-15
  2. "RCA Broadcast News," No. 43, June, 1946, pg. 66, Fig. 6, a graph of field intensity along one radial, dated 1 Oct. 1943. The article is reprinted from "Electronics" for May, 1945. By 1946, the new FM band was in effect and the station's call had been changed to WMFM.

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: pbock@melpar.esys.com (Paul H. Bock)  
Subject: Pre-Sarnoff FM B'dcast Band  
Message-ID: <9510041849.AA08111@syseng1.se.melpar.esys.com>

> The dial reads out "FM" thru a 42 thru 50 mc range! Was this  
>Armstrong's FM b'dcast band which succumbed to Sarnoff's FM band that we use

>today? I didn't think Armstrong's band was used commercially. Were his  
>antennae overlooking the Hudson from Alpine, NJ used on this band? (They're  
>still there last I looked--very impressive memorial.)  
> Or is this radio merely for ol' time utility radio (police-fire)  
>listening? I didn't get a chance to look at its insides, but its patina and  
>ac cord shout "boatanchor." The store wants \$35.00 for it, and it's in  
>excellent condition cosmetically.

I think it was Armstrong's band.....when I was a kid, we  
had a '40s Zenith console with 3 bands, 2 FM and one AM, plus a  
record player (Zenith "Cobra" tonearm). One of the FM bands was  
the one you described, and I never knew what it was for.....Gee,  
I wish I had that old console today! 'Course, you can't get  
Green Hornet or Gene Autry or the Lone Ranger or Racket Squad or  
Mr. Keene or Suspense or The Inner Sanctum or Fibber McGee &  
Molly or anything else worth listening to anymore.....

73,

Paul, K4MSG

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Re: Pre-Sarnoff FM B'dcast Band  
Message-ID: <199510041852.LAA19224@igc3.igc.apc.org>

> The move to 88-108 mc really hurt FM, that's for sure. A lot of 42-50  
> mc FM receiver owners were quite pissed to own "boatanchors".

Yep, and I've got two of 'em with both old and new FM bands and one  
with the old band only. Do I get a prize?

Best Regards,

Dick Dillman/WPE2VT  
<ddillman@igc.apc.org>  
San Francisco

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Re: Pre-Sarnoff FM B'dcast Band  
Message-ID: <199510041852.LAA19211@igc3.igc.apc.org>

> The dial reads out "FM" thru a 42 thru 50 mc range! Was this

> Armstrong's FM b'dcast band which succumbed to Sarnoff's FM band that we use  
> today? I didn't think Armstrong's band was used commercially. Were his  
> antennae overlooking the Hudson from Alpine, NJ used on this band? (They're  
> still there last I looked--very impressive memorial.)

Yes, that was Armstrong's "low band" FM station, the first in what became the Yankee Network. Since he's a personal hero of mine, I made a pilgrimage there two years ago. The mighty tower still stands, as you say, now used for commercial two-way and microwave. Even better, the original transmitter building is still there, with the W2X call engraved in stone over the door. A local ham club has a station there.

Outside is a recreation of the iron strap ball that topped the antenna on the Aeolian Building in Manhattan. That's the one the great man is balancing upon, with \*leather\* soled shoes no less, in the famous picture. It's also the incident - done to impress a babe, rumor has it - that caused him to be banned from the property by "general" Sarnoff.

He was such a contrast. Reserved, always in tie and suit. But capable of the most amazing antics on radio towers - always with a serious expression.

And, of course, he was one of the few who deserved the title of genius.

> Or is this radio merely for ol' time utility radio (police-fire)  
> listening? I didn't get a chance to look at its insides, but its patina and  
> ac cord shout "boatanchor." The store wants \$35.00 for it, and it's in  
> excellent condition cosmetically.

> --Paul

>

>

Best Regards,

Dick Dillman/WPE2VT  
<ddillman@igc.apc.org>  
San Francisco

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: "Gable, Edward M" <emg@rfpo2.rfc.comm.harris.com>  
Subject: Re: Pre-Sarnoff FM B'dcast Band  
Message-ID: <3072DCE9@smtpgate.rfc.comm.harris.com>

<SNIP>

Yes, that's an Armstrong-era FM band receiver. FM was off and running (or at least limping) in 1940

<GREAT READING>

I'll probably get some flames for this posting (sorry!)--it *is* BA-related, though, being both of great interest to hams at the time and quite dependant upon our pioneering work in the (then) five-meter band.

73, --Bobbi

(SNIP>

Bobbi - Keep up the great BA historical insite you do so well. I think they're great and appropriate for this group.

Ed K2MP @ Rochester (emg@rfc.comm.harris.com)

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995

From: afpgreg@state.me.us (Paul V. Gregory)

Subject: Re: Pre-Sarnoff FM B'dcast Band

Message-ID: <199510042003.QAA21289@gatekeeper.ddp.state.me.us>

snip

>Bobbi - Keep up the great BA historical insite you do so well. I think

>they're great and appropriate for this group.

>Ed K2MP @ Rochester (emg@rfc.comm.harris.com)

As are the comments by Dick, Stuart, and Paul...THANK YOU!

Now, if I could only plug in that radio I found in the Maine antique shop and hear programs of its day....sigh.

73 de paul

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995

From: jproc@worldlinux.com

Subject: Re: Pre-Sarnoff FM B'dcast Band

Message-ID: <Chameleon.4.01.2.951004194339.jproc@>

the Yankee Network's stations and

>some others (W2XMN, W2XWG, W1XPW, W1XOJ, W9XEN/XZR, W9XAO, and W2XOR at  
>least)[1] had *been* on the air for some time by then.

>

Bobbi,

That's most interesting. Do you know the reason why the FCC assigned ham radio style call letters to these FM stations rather the conventional Kxxx or

Wxxx formats?

Here in Canada, I just found out that the radio authorities of long ago, assigned the prefix of VE9 to some commercial stations. The VE9 is an amateur radio prefix and was unassigned until it was requested by the Province of New Brunswick in 1993.

These administrative anomalies can get strange at times.

Regards,

-----  
Jerry Proc VE3FAB  
E-mail: jproc@worldlinx.com  
Radio Restoration Volunteer  
HMCS Haida, Toronto Ontario  
-----

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: Gary Pewitt <gpewitt@execpc.com>  
Subject: Re: Pre-Sarnoff FM B'dcast Band  
Message-ID: <Pine.SOL.3.91.951004211928.22195A-100000@earth>

On Wed, 4 Oct 1995, Paul H. Bock wrote:

> > The dial reads out "FM" thru a 42 thru 50 mc range! Was this  
> >Armstrong's FM b'dcast band which succumbed to Sarnoff's FM band that we use  
> >today? I didn't think Armstrong's band was used commercially. Were his  
> >antennae overlooking the Hudson from Alpine, NJ used on this band? (They're  
> >still there last I looked--very impressive memorial.)  
> > Or is this radio merely for ol' time utility radio (police-fire)  
> >listening? I didn't get a chance to look at its insides, but its patina and  
> >ac cord shout "boatanchor." The store wants \$35.00 for it, and it's in  
> >excellent condition cosmetically.

>  
> I think it was Armstrong's band.....when I was a kid, we  
> had a '40s Zenith console with 3 bands, 2 FM and one AM, plus a  
> record player (Zenith "Cobra" tonearm). One of the FM bands was  
> the one you described, and I never knew what it was for.....Gee,  
> I wish I had that old console today! 'Course, you can't get  
> Green Hornet or Gene Autry or the Lone Ranger or Racket Squad or  
> Mr. Keene or Suspense or The Inner Sanctum or Fibber McGee &  
> Molly or anything else worth listening to anymore.....

>  
> 73,  
>

> Paul, K4MSG

>

>

But you can get tapes. There is a mailing list for "Old Time Radio"  
otr@airwaves.chi.il.us for info.

They trade, copy, buy, and sell old time radio programs.

Taint funny McGee. Now I wouldn't say that.

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995

From: Michael.J.Knudsen@att.com

Subject: Re: R392 power supply

Message-ID: <9510031557.AA08785@bock.ih.att.com>

Very authentic -- the R392 could've been used by a colonel or general  
from his golf cart :-)

An idea hit me last night (while I was debugging the rather smoke-prone Motorola  
supply that came with my R392) --

Why not use AC power on the filaments, and DC on the plates?

Lots of 25.2 VAC transformers around.

My schematics are hard to deal with, so I don't know if there are any electrolytics  
or diodes or other polarized items in the filament circuits.

Probably the relays coils, which would buzz and not pull in on AC.

And maybe all those AC amps running around inside the chassis would induce  
hum all over the place.

But if yer 24 - 28 VDC supply can't stand the heat, maybe it's worth a try.  
73, mike k w9nrd

PS: That Moto supply, which I have now tamed, is kind of neat -- besides AC  
operation, it can take DC from 10 to 30 VDC, boost it to about 28V if needed,  
then regulate down to 24. The boost is done with kickback inductors in series  
with the input voltage. So, it can operate 24V equipment (like an undernourished  
R392)

from a 12V car battery. Try goin' mobile with an R392 :-)

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995

From: mirage!pamars@uhura.neoucom.EDU (P.A.Marshall)

Subject: Re: R392 power supply

Message-ID: <9510041139.AA20790@mirage>

Michael.J.Knudsen@att.com writes:

>

> Why not use AC power on the filaments, and DC on the plates?  
> Lots of 25.2 VAC transformers around.  
>

Works for me! The ant. and muting relays will not like the AC, but I just unhooked one coil lead, fully reversible, I don't miss either function. I could not detect any hum problems just by listening, so that was the end of my searching for hum. The 40 some volts on the plates really makes for a real improvement, and I'm running the heaters at the low end of their range rather than the high end, that has to do something for the life of 'em.

Al Marshall "Real Radios Glow in the Dark" almarshall@acm.org

As nightfall does not come at once, neither does oppression. In both instances, there is a twilight when everything remains seemingly unchanged. And it is in such twilight that we all must be most aware of change in the air--however slight--lest we become unwitting victims of the darkness.

Justice William O. Douglas

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: RANDY@sbii.sb2.pdx.edu  
Subject: Re: R392 power supply  
Message-ID: <30F6964157D@sbii.sb2.pdx.edu>

Glad to hear about the success with the R-392 power supply. I'll try it too, using a low power 40 VDC regulated supply and unregulated 25 VAC for the filaments. One caution which someone else brought up, but which bears repeating, is that the mil standard plug-in replacement for the audio output tube, an early solid state affair, may not take kindly to +40v and may indeed make use of the filament supply rather than the B+ supply thus expecting DC rather than AC. So be careful!!

=Randy=

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: mirage!pamars@uhura.neoucom.EDU (P.A.Marshall)  
Subject: Re: R392 power supply  
Message-ID: <9510041637.AA21131@mirage>

Randy makes a good point about the SorryState output tube replacement, maybe someone who has such a beast (My friend with the tube replacement says... :-)) could do a little checking and let the list know about it.

Al Marshall "Real Radios Glow in the Dark" almarshall@acm.org

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: Thomas Bryan <tbryan@mailstorm.dot.gov>  
Subject: RAS-2 (HRO) is Sold!  
Message-ID: <199510041230.IAA27949@mailstorm.dot.gov>

I sold it thanks.

Tom Bryan  
tbryan@mailstorm.dot.gov

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: Michael.J.Knudsen@att.com  
Subject: Re: Source for boatanchor manuals  
Message-ID: <9510041624.AA09942@bock.ih.att.com>

I know what's gonna happen after I post this...  
At a cozy little ham radio store in Wheaton (near CHicago),  
you run into lots of OFs who worked for Allied, Hallicrafters, and  
other CHicago-area makers. One guy told me there's an ex Hallicrafters  
employee in Ciceo or thereabouts (inner CHicago suburb) who  
can supply Hallicrafters manuals and data more completely and a lot cheaper  
than 1-800-beer-final.

Unforch, he didn't know the guy's name, addr, or phone.  
I expect to be "delegated" now to hunt down this info....  
unless someone else knows it.

I could use an SX-117 manual myself -- very nice rx, that modern piece.  
So maybe I should go be more assertive....73, mike k w9nrd

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: "Douglas Palmer Jedi" <palmerdo@plhp002.comm.mot.com>  
Subject: Source for Instrument Lacquer  
Message-ID: <9510041743.ZM2286@plhp451>

I want to restore/refinish an old brass telegraph key, but in order to do it  
properly, I need to relacquer the brass after polishing.

I would rather not use clear Krylon, because it does not produce the proper  
color, and leaves the device too shiny.



Does anyone know of a source for the golden-yellow instrument lacquer used to finish brass items?

A friend told me he heard of a place in New York that sells this, but did not know any more details.

Any help would be appreciated.

Thanks,

Doug, KF4GI

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995

From: "rohre" <rohre@arlut.utexas.edu>

Subject: RE: Source for Instrument Lacquer

Message-ID: <n1399296140.17571@msmailgw1.arlut.utexas.edu>

Look in the Paint sections of yellow pages. Most large cities have a lacquer supplier, or check at the local electric lamp repair shop, they redo floor and table lamps of brass with clear lacquer.

73, Stuart K5KVH

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995

From: "Turini, Bill" <turinib@wdni.com>

Subject: Still cleaning out

Message-ID: <199510041533.AA10203@interlock.wdni.com>

I'm working my way down into the pile and have found the following manuals.  
All prices are postpaid.

Kenwood TM-201A Service Manual, \$10

Kenwood TM-401A Service Manual, \$10

TV-10 Tube tester manual copy. \$12

Heath SB 200 manual copy. \$12

While at the local parts emporium I looked in their junkie table and found a new in the box old mike. I had to save it from being trashed. If anyone wants it, it's available for cost.

Electro-Voice 602F Hi-Z Dynamic Noise-Cancelling Microphone. New in box.  
\$20 shipped

Cold winter nights are coming up, so buy your shack heater now! I found this one wouldn't heat my shack adequately, so I had to get a bigger one :-)

Yeadu FL2100B HF Linear Amplifier covers 80-10 meters. Excellent condition, cosmetically and electrically. Plastic still on front panel. Uses pair of 572B tubes for 1200 watts SSB output. 110/220 volt operation. Manual. \$350 + shipping.

Dow Key Model 6N-54, 6 position coax switch, UHF Connectors. \$35 shipped

Bill Turini KA4GAV/7                      turinib@wdni.co  
(206) 924-5890 work                      (360) 825-1167 home

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: "S. Miller" <smiller@motown.ge.com>  
Subject: SX-25 Super defiant(?)  
Message-ID: <199510041523.LAA08050@bear.MOTOWN.GE.COM>

Can someone tell me when the SX-25 was produced and what it looks like and compares to? Is it an early try at what became the SX-28? Or is it one of the VHF versions that came out about the same time as the SX-28. My QST collection is sparse in the 1930's and I can only find the SX-22 and then the SX-28.  
No SX-25 is mentioned.  
Steve  
Kd2Ed

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: "Cal J. Eustaquio" <ceustaqu@violin.aix.calpoly.edu>  
Subject: Re: SX-25 Super defiant(?)  
Message-ID: <Pine.A32.3.91.951004084238.107545A-100000@violin.aix.calpoly.edu>

Steve:  
According to Ray Moores books "Communications Receivers of the Vacuum Tube Era, (2nd Ed.)," the SX-25 was produced between 1940-46. It seems as though it is another refined incarnation of the S-20R with calibrated bandspread, dual RF stage, and a push-pull audio section. I recently restored one and I really like the appearance and performance of the unit (usually on the lower bands like 160-30 meters). Hope this helps. 73's.  
Cal, N6KYR.

On Wed, 4 Oct 1995, S. Miller wrote:

> Can someone tell me when the SX-25 was produced and what it looks like  
> and compares to? Is it an early try at what became the SX-28? Or

> is it one of the VHF versions that came out about the same time as  
> the SX-28. My QST collection is sparse in the 1930's and I can only find  
> the SX-22 and then the SX-28.  
> No SX-25 is mentioned.  
> Steve  
> Kd2Ed  
>

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: KS0F@aol.com  
Subject: SX101, HT41 help  
Message-ID: <951004121152\_70858208@mail06.mail.aol.com>

Greetings All,

While vacuuming under the op desk I picked up a small round  
tuit. Sat right down and made out a small check to Phil Porch. It  
went out in todays mail.

A local fella has a few pieces of BA gear he wants to move.  
I am going to buy his TX (after inspection) but he will still have  
the above for sale. I have not seen the stuff yet but probably will  
in a week or so. The SX101 is a model that includes 160 meters  
and was gone through by a now SK about a year or so ago and  
has new tubes etc. The fella wants to get 150 for it and I told him  
that depending on condx that was probably not too bad. My need  
of help comes with the HT41 amp. He says it is as clean as a pin  
inside and out, has new caps in supply etc. Any ideas on a price  
range on this amp. I doubt if he wants to ship any of this stuff and  
I don't want to get in the middle of doing that either. We are near  
the St. Louis MO metro area so maybe a "local" might be on the  
list that would have some interest. Any help on price ranges??

TIA de KS0F

ZUT

(Before us there was none. After us there will be no more.)

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: MEC <danmec@inet.uni-c.dk>  
Subject: Re: talk about old 'phones  
Message-ID: <Pine.3.89.9510040804.A25708-0100000@inet.uni-c.dk>

On Tue, 3 Oct 1995, Bill VanAlstyne wrote:

> At 06:35 PM 10/2/95 -0500, Andy Wallace wrote:  
> >UNKNOWN MIL: weird pair I got new-in-box from Fair some years back.

> > Box is dated Nov 59, and shows p/n 5965.21.106.3585.  
> > Very strange...metal headband goes around the BACK  
> > of the head, while a cloth strap goes over the top.  
> > Padded ear cushions, and the rubber on the back is  
> > marked "TOP" at the top. I can see why....very odd  
> > styling!

What is so odd about that ? Most of the military headphones used during WW2 were of the same style ( British headphones that is )

73 Rag OZ8R0

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: "Ray L. Mote" <rmote@rain.org>  
Subject: TCS production dates  
Message-ID: <Pine.SUN.3.91.951004085101.15249A-100000@coyote.rain.org>

The Navy assigned nomenclature to the basic TCS and the -1 thru -8 in 1940 and 1941, so they should be good for the contest. The TCS-9 and later units, however, were assigned nomenclature in 1942 and after. You may be able to claim that "the design was pre-war", even if the production wasn't. :^)

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: midshires@cix.compulink.co.uk (Andrew Emmerson)  
Subject: Re: Textured Paint Finish  
Message-ID: <memo.399424@cix.compulink.co.uk>

In-Reply-To: <memo.343589@cix.compulink.co.uk>  
Roberta Barmore asks:  
Could you describe the difference? I use both terms more-or-less interchangeably <snip>

Yes, a lot of people confuse wrinkle and crackle. Wrinkle finish as a consistent wrinkled finish, whereas Crackle finish really is different. The markings are roughly circular and the paint looks a little like crocodile skin or if you prefer, like the craters of the moon. I suspect it is bubbles which have collapsed. It was very popular on French-made equipment in the 1940s. I seem to recall you can find it with two colours intermingled, e.g. a green base finish with a gold crackle effect but I may be dreaming. Certainly it does look fabulous. -- Andy.

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: bill.sorsby@dlep1.itg.ti.com (Bill Sorsby)  
Subject: Trade misc. for BA's  
Message-ID: <199510041447.JAA02321@dlep1.itg.ti.com>

I have following available for trade:

4 EIMAC 4x250B's used but good (\$75 for all 4)  
1 4-400 used, but good (\$35)  
2 813's used but good (\$40 for both)

HP 5300A/5302A frequency counter: This compact (6"W x 3.5"H x 10"D) autoranging 50 MHz counter with LED display has similar capability to the Fluke 1900A but the HP5302A has dual inputs and can perform frequency ratio measurements. Excellent condition electrically and cosmetically. Partial manual and schematics included. (\$125)

Heath 400 Hz CW filter for SB-102, HW-101, etc. (make offer)

If any of this interests you, make offer. I prefer to trade. Will consider most any BoatAnchor of similar value, working or not. Castaways welcome - I prefer non-working and/or rough equipment. Specific interests include Hallicrafters & Hammarland receivers and any of the SSB phasing exciters and transmitters, including SSB adapters (SB-10, etc.).

73 de Bill, N5BU

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: w7ni@teleport.com (Stan Griffiths)  
Subject: TU75B Schematic  
Message-ID: <199510040238.TAA26484@desiree.teleport.com>

I have schematic diagrams now for the TU75B ballast box used by Tektronix to bring new instruments up slowly. I have sent out some. Have I overlooked anybody? Please let me know and include your mailing address. A buck to cover postage and copies would help.

Stan W7NI@teleport.com

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: TOM.A.ADAMS@mail.admin.wisc.edu  
Subject: U.S. Callsign oddities  
Message-ID: <FA4K5109.FA4K5120@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Hello Jerry.

Re. the callsigns of Armstrong / Yankee Network prewar FM stations (for example, W2XMN); this is the format that FCC issues to EXPERIMENTAL stations.

Before the whole callsign system went crazy awhile back, hams could NOT have a callsign whose suffix began with X. That entire block was reserved for experimentals.

73's,

Tom, K9TA

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995

From: "Dick Dillman" <ddillman@igc.apc.org>

Subject: Re: U.S. Callsign oddities

Message-ID: <81414.ddillman@igc.apc.org>

On Wed, 4 Oct 1995 20:54:58 -0500 (CDT),

TOM.A.ADAMS@mail.admin.wisc.edu <TOM.A.ADAMS@mail.admin.wisc.edu> wrote:

> Before the whole callsign system went crazy awhile back, hams could NOT  
> have a callsign whose suffix began with X. That entire block was reserved for  
> experimentals.

And they still are, no?

Best Regards,

Dick Dillman/WPE2VT

<ddillman@igc.apc.org>

San Francisco

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995

From: Fire Bottle archive handler <firebotl@jackatak.theporch.com>

Subject: Re: U.S. Callsign oddities

Message-ID: <9510042236.aa25653@jackatak.theporch.com>

Dick Dillman <ddillman@igc.apc.org> asks, in response to:

> On Wed, 4 Oct 1995 20:54:58 -0500 (CDT),

> TOM.A.ADAMS@mail.admin.wisc.edu <TOM.A.ADAMS@mail.admin.wisc.edu> wrote:

> > Before the whole callsign system went crazy awhile back, hams could NOT  
> > have a callsign whose suffix began with X. That entire block was reserved for  
> > experimentals.

> And they still are, no?

No. Even before, the 1x2 Extra class Vanity Calls of long ago permitted x#Xx, and the 2x1 calls certainly had X suffix...

K4XG - Tom Neill a friend from down the road

W4XS - Jim Hayes, another local pal

AG4X - Bill Cone of Acworth, Georgia who used his call like a broadsword and mowed down the DX - "Atlanta Georgia Four X-Ray!"

and more recently (since 1978 when the "Alphabet Soup" calls began)

N4XHX - Mark Bailey, fellow Unix dabbler and list manager in cognito

--

73

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)

- - - BoatAnchor Mailing List Archiver/Owner - - -

firebot1@jackatak.theporch.com ---- listown@jackatak.theporch.com

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995

From: GALBRAITH CHRISTOPHER <99galbra@lab.cc.wmich.edu>

Subject: Re: Viking II Mod Transformer?

Message-ID: <Pine.3.89.9510032016.A18036-0100000@grog>

Michael (and gang with similar problem),

B'for replacing the iron, check the HV disc across the Mod transformer secondary...I had some similar problems awhile back (actually \*no\* modulation)--turned out to be that .01 (or .005?) cap was shorted!

73, Chris KA8WFC

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995

From: "Gable, Edward M" <emg@rfpo2.rfc.comm.harris.com>

Subject: RE: Viking II Mod Transformer?

Message-ID: <30728BC3@smtpgate.rfc.comm.harris.com>

<SNIP>

one side of the modulation xformer primary seems to be open.

How hard and expensive is it to find a replacement ... 73, mike k w9nrd

<SNIP>

Mike - Take a look inside the Xfmr. I had a Stancor Mod Xfmr open to one plate and upon taking it apart found the Xfmr had arced and burned the wire off the terminal inside the Xfmr. Was a 5 minute fix. Hope ur as lucky. 73, Ed K2MP @ Rochester emg@rfc.comm.harris.com

From boatanchors@theporch.com Wed Oct 4 11:50:00 1995  
From: Michael Crestohl <mc@shore.net>  
Subject: WHAT IS IT FOR??? Collins-style PT0  
Message-ID: <199510041242.AA10049@northshore.ecosoft.com>

Hello One and All:

Here's another mystery item I saved from the dumpster. Would like to know what it is for.

This is a Collins-type PT0 (about the size of one in a 75A(\*) receiver and is marked:

Type: 689-BM127

It has an IF can (T-801) and a 26D6 tube (V-801) on it. There are two connectors on a fibre strip - BNC (J-808) and a 7-pin mil (J-809). A tag states that the oscillator is pre-set at 2.95MC. It was made by DUBROW ELECTRONIC INC, Burlington NJ and has the familiar Collins-type decal warning me not to remove the cover (how do I look inside, then?)

I'll bet someone knows what this is for.

73,

Michael Crestohl, KH6KD/W1

From boatanchors@theporch.com Thu Oct 5 02:12:00 1995  
From: Michael.J.Knudsen@att.com  
Subject: Re: WHAT IS IT FOR??? Collins-style PT0  
Message-ID: <9510041605.AA09899@bock.ih.att.com>

It's for an R392! I even recognize that brand name from the set I was working on last nite. The 26-volt tube sounds right. Anyway it should be worth something to an R392 owner. 73, mike k w9nrd

From boatanchors@theporch.com Wed Oct 4 17:14:12 1995  
From: "Ray L. Mote" <rmote@rain.org>



Subject: WW2 Op wants BC-191/375, BC-610

Message-ID: <Pine.SUN.3.91.951004085341.15249B-1000000@coyote.rain.org>

Cliff (N6ZU) in Stockton, CA spent about two years during WW2 rattling around in the back of a command car with his BC-191, etc. He now wants either a BC-191 or BC-375 to play with. He's also looking for a BC610E or F model. He's pretty concerned about shipping costs, so someone close is needed. If interested, contact him at (805) 477-1235. (Don't call me, as he's a day's drive away!)